

# Current and Future Trends in Cargo Security

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# **A Snapshot of Cargo Crime Today**

- Annual US loss of \$10 billion**
- 300,000 mid level jobs lost**
- High consumer cost**
- \$30 billion lost worldwide**
- The "Bermuda Triangle"**

# **Rapid Change in the Cargo Industry**

- Unprecedented growth**
- Land Bridge America**
- Upgrading the infrastructure**
- Speed in handling cargo**
- Automation of system**

# **Today's Cargo Crime**

- New breed of cargo crook**
- Cargo as a common denominator**
- Rise of international crime**
- Reluctance to prosecute cargo crime**
- Rapid changes in the cargo industry**

# **Emerging Illegal Cargo-related Activities**

- Illegal distribution of trade mark goods**
- Illicit arms, drugs, and aliens**
- Trafficking in human body parts**
- Shipment of smuggled nuclear, biological, and chemical material**
- Trafficking in endangered species**

# **The Cargo Crook of the 90's**

- Smarter, adaptive, better equipped**
- Understands transportation industry**
- Uses drug trafficking knowledge**
- Insider connection**
- Seeks high payoffs with low chance of apprehension**

# **Objectives of Criminals Involved in Cargo Theft**

- High Profits**
- Avoid arrest & prosecution**

# Cargo Crook Categories

- Insiders
- Crews
- Organized Crime



# Insiders

- 80% of cargo theft involves insiders
- Weakens cargo security initiatives
- Identifies most desirable high value goods
- Can actively participate or remain passive

# **Entrepreneurial Crews Operating in the US**

- Central & South American**
- Mexican**
- West African**
- Russian**
- Eastern European**
- Asian**

# **Organized Crime's Common Denominators**

- Drugs**
- Money laundering**
- Terrorism**
- Smuggling**
- Diversion**

# How Criminals Coordinate Cargo Theft

- Locate High Value Shipments--*Insiders*
- Seize Control--*Crews*
- Remove and take to drop site--*Crews*
- Profitably Dispose of Cargo--*Fences*
- Split profits--*Mob*

# **Latest Organized Crime Cargo Trends**

- Rapid shift to pursue new activities**
- Diversifying into commercial and information enterprises**
- Using sophisticated management and entrepreneurial techniques**

# **Common Cargo Theft Methods**

- Insider collusion**
- Fraudulent documentation**
- Covert/armed theft from trucks and warehouses**

**"The theft of cargo has become so  
widespread that it constitutes a  
serious threat to the flow of  
commerce in the United States."  
(FBI Report: 1996)**

# Technical Precautions for Truck Cargo Security

- Install Anti-hijack Equipment
- Locked/Alarm Cab Doors
- Rooftop Marking for vehicles
- Protective Glass
- Electronic Tracking
- Coordinate Shipping with Local Police Agencies



# Cargo Facility Physical Security

- Fencing
- Lighting
- Entrances
- Locks
- Alarm and Intrusion Detection Systems
- Access Controls
- Communications
- Security Guards

# 12 Ways To Cut Cargo Theft

- Control facility entrances and exits
- Monitor cargo and personnel movements
- Move POV parking areas away from cargo
- Screen new employees
- Investigate all cargo losses
- Establish a key control system
- Provide an adequate security force
- Install intrusion detection and access control devices
- Maintain adequate lighting and fencing
- Store all cargo in controlled security areas
- Develop close liaison with law enforcement
- Ensure continual management supervision and presence

# **A National Strategy for What Needs to Be Done**

- Benchmark industry best practices**
- Support Multi-jurisdictional Cargo Theft  
Task Forces**
- Develop theft information and data**
- Correct chronic underfunding of law  
enforcement activities**
- Increase legal penalties**
- Focus R&D efforts on the problem**

# **Four Key Cargo Security R&D Areas**

- Tracking**
- Containers, Seals and Locks**
- Non-Intrusive Detection**
- Physical Security & System Integration**

# Cargo Crime Trends

- Insiders/Crews**
- Mob infiltration**
- Increased fraud**
- Widening intelligence information gap**
- Stealing to order**
- Transportation & distribution centers**